

Application # 09/732,838
RCE Preliminary Amendment dated January 10, 2005
Reply to Final Office Action dated August 10, 2004

PATENT
P-5093

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 to 46 (Cancelled)

47. (Currently Amended) A kit for performing a flow-through analytical test for detecting the presence of and distinguishing between Influenza A viral antigens and Influenza B viral antigens in a biological sample suspected of containing one or both of Influenza A viral antigens and Influenza B viral antigens, the kit comprising:

(a) an analytical test device having a plurality of wells, wherein the wells do not communicate with each other; and wherein each well comprises:

a filter stack, the filter stack comprising:

(i) a porous membrane having an upper surface and a lower surface; and

(ii) an absorbent material,

wherein said lower surface of said porous membrane and said absorbent material are in physical contact and in fluid communication, and

wherein upon contact of a biological fluid sample suspected of containing one or both of the Influenza A viral antigens and the Influenza B viral antigens with said porous membrane, said fluid is able to flow through said membrane into said absorbent material, such that at least a portion of said viral antigens present in said biological fluid sample bind to said porous membrane;

(b) a first detection reagent capable of recognizing Influenza A viral antigens;

(c) a second detection reagent capable of recognizing Influenza B viral antigens; and

(d) a reagent capable of generating a signal upon detection of one or both of Influenza A viral antigens and Influenza B viral antigens.

48. (Original) The kit of claim 47, wherein the test device comprises two wells.

49. (Previously Presented) The kit of claim 47, wherein the first detection reagent comprises an

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anti-Influenza A monoclonal murine [antibodies (2)] antibody-enzyme conjugate.

50. (Original) The kit of claim 47, wherein the second detection reagent comprises an anti-Influenza B monoclonal murine antibody-enzyme conjugate.

51. (Original) The kit of claim 47, wherein the reagent capable of generating a signal comprises chromogen.

52. (Original) The kit of claim 47, further comprising an extraction reagent.

53. (Original) The kit of claim 52, wherein the extraction reagent comprises a mucolytic agent.

54. (Original) The kit of claim 47, further comprising at least one wash reagent.

55. (Original) The kit of claim 47, further comprising a stop reagent.

56. (Original) The kit of claim 55, wherein the stop reagent comprises citric acid.